

PLANS MUST HAVE

- Project name
- Name of firm which prepared the data
- As-built date, as depicted on mylar submittal
- Permit number(s)
- 24x36 inch layout
- Plan (top) and profile (bottom) views on same page
- All utility crossings shown on the same plan/profile page
- Stationing increasing from left to right
- Clearly marked as an "As-Built Plan"
- Include an overall site or utility plan,
- Engineer in charge,
- Project title,
- Permit number(s),
- Revision dates,
- "As-Built" date,
- Page numbering,
- North arrow (North orientated up when possible),
- Scale of drawing, Scale bar,
- Include a vicinity map,
- All streets in the project area shall be defined and labeled.
- All current Wake county parcel info. in the project area is to be defined and properly labeled.
- All easements identified and dimensioned,
- All mains shall be labeled as public or private.
- Pipe size,
- Pipe material,
- Pipe length,
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- Length, material, size of jack and bore (for both carrier and casing pipe),
 - Fitting, valve type defined,
 - Rim & Invert elevations,
 - Manhole size,
 - Gravity sewer slope,
 - All service stubs shall be shown
 - Pump stations,
 - Grease traps,
 - Coating & Lining types,
 - Locations of hydrants, valves and fittings
 - Location of blow-off assemblies,
 - Location of FDC's,
 - Location of meter boxes,
 - Location of connections to existing utilities
 - other relevant info. (service lateral, backflow preventer, air release valve, casing, reducers, etc.).
 - Location of abandoned and or removed features.
 - 2 MHs, 1 above and 1 below, the project area shall be defined and labeled including inverts.
 - All coordinates shall tie into the NC grid coordinate system (NAD1983 State Plane)
 - Vertical datum tied into NAVD88.
 - All units are to be US survey feet.
- The closest geodetic monument to the project shall be identified in the "As-Built" drawing.

Notes on Project Phasing: Acceptance occurs after water and sewer infrastructure in an approved phase is installed, inspected/tested and the required supporting documentation has been received. Phases of construction must extend from and/or connect to existing (or concurrently accepted) infrastructure to be considered for acceptance. Acceptance boundaries are defined by the limits identified in the CORPUD approved utility phasing plan(s). **Acceptance of sub-phases, partially completed phases or other variations of approved phasing plans will not be considered without CORPUD phasing plan revision approvals.** Additional information can be found in the CORPUD Handbook at www.raleighnc.gov.



Raleigh

PROJECT ACCEPTANCE REQUIREMENTS

Water and Sewer installations

CORPUD Merger Towns

The City of Raleigh Public Utilities Department (CORPUD) inspects and issues acceptance of public water and sewer infrastructure installations located in Garner, Knightdale, Rolesville, Wake Forest, Wendell and Zebulon. In most cases water and sewer acceptance is required before the next stages in the building process can be approved. For additional information please reference the CORPUD handbook online at: <https://www.raleighnc.gov/services/content/Departments/Articles/PublicUtilities.html>

**Garner, Knightdale,
Rolesville, Wake
Forest, Wendell and
Zebulon.**



General Acceptance occurs when the project has met City standards and City specifications. The developer or his representative must notify the Public Works Department's Engineering Inspector, in writing, before installation and for scheduling inspection. In Garner, Rolesville, Wake Forest, Knightdale, Wendell and Zebulon, the developer or his representative must notify the inspector in the Raleigh Public Utilities Department. Once the project is completed, a punch list and inspection is scheduled noting any deficient items. Upon the repair and/or replacement of the deficient items, the developer or his representative shall submit the following items to the City's Public Works Department.

- a. Certified surveyed "As-Built" plans and profile shall be furnished by the certifying engineer upon completion and acceptance by the City as stated above;
- b. A professional engineer's certified statement indicating that the work has been built in accordance with the City approved set of construction plans.
- c. A Release of Liens document signed and notarized from the developer stating that all materials and workmanship associated with the water, reuse water, or sewer mains have been paid in full.
- d. Certified surveyed "As-Built" plans and profile shall be furnished by the certifying engineer upon completion and acceptance by the City as stated above;
- e. The developer is responsible for ensuring a one-year written operational warranty to the City prior to issuance of the Letter of Acceptance
- f. The developer and/or engineer shall provide a recorded map to the City of Raleigh showing all public rights-of-way and easements and,
- g. The engineer shall keep a preserved copy of the "As-Built" plans on file indefinitely.
- h. As-Built Required: Prior to site walkthrough

As-Built Drawings

SEALED AS BUILT PLANS

Certified surveyed "As-built" plans and profiles, sealed by a Professional Land Surveyor, shall be furnished to the Public Utilities Department by the Engineer upon completion and acceptance of the public main by the City and completion of the private systems. See CORPU Handbook for additional info. For development projects in the merger towns, as-builts and supporting project acceptance documentation must be submitted directly to the inspector or mailed to their attention at the following address:

**CORPUD Inspections
3324 Lake Woodard Drive
Raleigh NC 27526**

Documentation Required for Acceptance

Hard Copies

1. Final As-Built Plans - Paper Set
2. Final As-Built Plans - Mylar Set

Digital Copies

1. Digital PDF File As-Built
2. Digital CAD File As-Built
3. Data file denoting the GPS coordinates (table of values)
4. Installed per plans statement
5. Cost of Utilities (pipe size/type/footage)
6. The release of Liens-Doc signed and notarized
7. Recorded Plat
8. Year Warranty Letter